

Work Order ID 82866

82866

Page 1

Tuesday, April 10, 2012 2:27:34 PM

Item ID: D350-607-541

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Heli-Utility-Basket

Stop

NS2

Start Date: 4/10/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/20/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:

✓

Date: 12/04/10

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

D350-607-3 A

0.00

MC 12/04/10

100
100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-607-541 CHG003

JB *S. Zuluza*

110

Pick Kit

0.00

1

12/04/12 JB

110

Packaging

Memo

0.00

Packaging

****Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label****

120

QC4- 100% Inspect kits for completeness

0.00

S. Zuluza

120

QC

Memo

0.00

Quality Control

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

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Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Heli-Utility-Basket

Stop

NS2

Start Date: 4/10/2012 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 4/20/2012 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

Pick Kit

0.00

130

Packaging

Memo

0.00

Packaging

Package as per PPPD350-607-541

RavB

Copy/3-1

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLJ 12/04/130

MLF
12-04-30

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Picklist Print

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Work Order ID: 82866

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Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B
11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06
AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D350-607-511	54742	Manufactured	No		110	Each	2.0000	1	1	82862	JB		
--------------	-------	--------------	----	--	-----	------	--------	---	---	-------	----	--	--

D350-607-511
Quick Release Basket Mounting Installation

Location	Loc Qty	Loc Code
----------	---------	----------

FG032	2	
-------	---	--

81430	2	
-------	---	--

D2690-6	54742	Manufactured	No		110	Each	24.0000	1	1	83360	JB		
---------	-------	--------------	----	--	-----	------	---------	---	---	-------	----	--	--

D2690-6

Lanyard Assembly

Location	Loc Qty	Loc Code
----------	---------	----------

ST016	24	
-------	----	--

82061	24	
-------	----	--

D3912-041	54741	Manufactured	No		110	Each	1.0000	1	1	83469	JB		
-----------	-------	--------------	----	--	-----	------	--------	---	---	-------	----	--	--

D3912-041

Eyebolt Receiver Assembly

Location	Loc Qty	Loc Code
----------	---------	----------

st507	1	
-------	---	--

82327	1	
-------	---	--

D4030-041	54743	Manufactured	No		110	Each	0.0000	1	1	82881	12/10/12		
-----------	-------	--------------	----	--	-----	------	--------	---	---	-------	----------	--	--

D4030-041

Long Basket Assembly (350)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

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Work Order ID: 82866

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Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

D4085-3

Manufactured No

110

Each

16.0000

1

1

**

D4085-3

Placard, Instructions

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST122	16	
81479	16	

D4151-041

Manufactured No

110

Each

8.0000

1

1

**

D4151-041

Basket Fwd Hardpoint Assembly, Lower

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST134	8	
81692	6	
82329	2	

D4151-043

Manufactured No

110

Each

1.0000

1

1

**

D4151-043

Basket Fwd Hardpoint Assembly, Upper

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST134	1	
81464	1	

D4150-041

Manufactured No

110

Each

0.0000

1

1

**

D4150-041

Attachment Arm Assembly

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

AN4-13A

Purchased

No

110

Each

1,349.000

6

6

✓

**

AN4-13A

Bolt

AN4C15

Purchased

No

110

Each

76.0000

1

1

✓

**

AN4C15

BOLT

AN310C4

Purchased

No

110

Each

69.0000

1

1

✓

**

AN310C4

Nut

Location Loc Qty Loc Code

ST357 1349

119449 39

120187 70

120422 340

120770 400

121162 500

3X120422

3X121162

Location Loc Qty Loc Code

ST358 76

120124 26

121146 50

120124

Location Loc Qty Loc Code

ST344 69

120360 30

121166 39

121166

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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*Tuesday, April 10, 2012 2:27:39 PM

Work Order ID: 82866

82866

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

MS17984-C413

Purchased

No

110

Each

31.0000

1

1

**

MS17984-C413
PIN, QUICK RELEASE

JB SP

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST315	3	
114340	1	
118612	2	

MS21042L4

Purchased

No

110

Each

4,000.000

6

6

**

MS21042L4
Nut

JB

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST300	4000	
119017	4	
119075	1996	
121011	2000	

MS24665-151

Purchased

No

110

Each

278.0000

1

1

**

MS24665-151
Cotter Pin

JB

12/04/27

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST309	278	
17566	278	

11566

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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*Tuesday, April 10, 2012 2:27:39 PM

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D350-607-541

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

NAS1515H4L

Purchased

No

110

Each

453.0000

2

2

✓

**

***NAS1515H4L***

WASHER

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FG	8	
103691	8	
ST277	445	
118709	24	
120390	421	

NAS1149F0432P

Purchased

No

110

Each

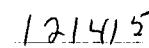
310.0000

12

12

✓

**

***NAS1149F0432P***

Washer

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST275	310	
121166	110	
121255	200	

NAS1149C0463R

Purchased

No

110

Each

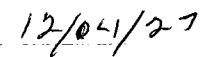
985.0000

3

3

✓

**

***NAS1149C0463R***

Washer

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP001	1	
115358	1	
ST297	984	
117735	36	
119097	948	

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

DART AEROSPACE LTD.

D350-607-3
Page 17 of 19

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kg	135 in 3.43 m	10895 in-lb 125.5 m-kg
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kg	135 in 3.43 m	8870 in-lb 102.2 m-kg
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kg	135 in 3.43 m	7925 in-lb 89.9 m-kg
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kg	135 in 3.43 m	6440 in-lb 74.1 m-kg
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kg	135 in 3.43 m	972 in-lb 11.3 m-kg

5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
					4	4	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
					8	8	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
					1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARPOON ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARPOON ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Revision: A
Date: 10.06.28